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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

11/03/99
PC 594 U.S. PTO
09/433332
11/03/99

In re Patent Application of: John E. Donohue

Title: DIGITAL RETURN PATH FOR HYBRID FIBER/COAX NETWORK

Attorney Docket No.: 500.722US1

PATENT APPLICATION TRANSMITTAL

BOX PATENT APPLICATION

Assistant Commissioner for Patents
Washington, D.C. 20231

We are transmitting herewith the following attached items and information (as indicated with an "X"):

- Utility Patent Application under 37 CFR § 1.53(b) comprising:
 Specification (15 pgs, including claims numbered 1 through 29 and a 1 page Abstract).
 Formal Drawing(s) (2 sheets).
 Signed Combined Declaration and Power of Attorney (3 pgs).
 Check in the amount of \$1,000.00 to pay the filing fee.
 Assignment of the invention to ADC Telecommunications, Inc. (2 pgs) and Recordation Form Cover Sheet.
 Check in the amount of \$40.00 to pay the Assignment recording fee.
 Information Disclosure Statement (1 pgs), Form 1449 (1 pgs), and copies of cited references (6).
 Return postcard.

The filing fee has been calculated below as follows:

	No. Filed	No. Extra	Rate	Fee
TOTAL CLAIMS	29 - 20 =	9	x 18 =	\$162.00
INDEPENDENT CLAIMS	4 - 3 =	1	x 78 =	\$78.00
MULTIPLE DEPENDENT CLAIMS PRESENTED				\$0.00
BASIC FEE				\$760.00
				\$1,000.00

Please charge any additional required fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)

By: _____
Atty: David N. Fogg
Reg. No. 35,138

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"Express Mail" mailing label number: EL530191041US

Date of Deposit: November 3, 1999

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

By: Chris Hammond

Signature: Chris Hammond

Courtesy Corp

In re Patent Application of: John E. Donohue
Title: DIGITAL RETURN PATH FOR HYBRID FIBER/COAX NETWORK
Attorney Docket No.: 500.722US1

Receipt is hereby acknowledged for the following in the United States Patent and Trademark Office:

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CONTENTS: UTILITY PATENT APPLICATION : Specification (15 pgs, including claims numbered 1 through 29 and a 1 page Abstract); Formal Drawing(s) (2 sheets); Signed Combined Declaration and Power of Attorney (1 pgs); Check in the amount of \$1,000.00 to pay the filing fee; Assignment of the invention to ADC Telecommunications, Inc. (2 pgs) and Recordation Form Cover Sheet; Check in the amount of \$40.00 to pay the Assignment recording fee; Information Disclosure Statement (1 pgs); Form 1449 (1 pgs), and copies of cited references (6);return postcard and transmittal sheet.

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JC584 U.S. PTO
09/433332



11/03/99

In re Patent Application of: John E. Donohue
Title: DIGITAL RETURN PATH FOR HYBRID FIBER/COAX NETWORK
Attorney Docket No.: 500.722US1

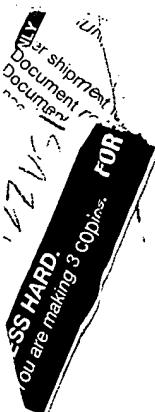
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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

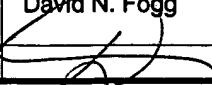
 Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180.00)

Complete if Known

Application Number	09/433,332
Filing Date	11/3/99
First Named Inventor	Donahue
Examiner Name	D. Ryman
Group Art Unit	2665
Attorney Docket No.	100.115US01

METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)																																									
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None				3. ADDITIONAL FEES																																									
<input checked="" type="checkbox"/> Deposit Account Deposit Account Number: 502432 Deposit Account Name: Fogg and Associates, LLC				Large Entity Small Entity																																									
The Commissioner is authorized to: (check all that apply)				Fee Paid																																									
<input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments				105 130 205 65 Surcharge – late filing fee or oath																																									
<input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application				127 50 227 25 Surcharge – late provisional filing fee or cover sheet																																									
<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.				139 130 139 130 Non-English specification																																									
FEE CALCULATION				147 2,520 147 2,520 For filing a request for ex parte reexamination																																									
1. BASIC FILING FEE				112 920* 112 920* Requesting publication of SIR prior to Examiner action																																									
<table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Fee Code</td> <td>Fee (\$)</td> <td>Fee Code</td> <td>Fee (\$)</td> </tr> <tr> <td>101</td> <td>740</td> <td>201</td> <td>370</td> <td>Utility filing fee</td> <td>\$0</td> </tr> <tr> <td>106</td> <td>330</td> <td>206</td> <td>165</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>107</td> <td>510</td> <td>207</td> <td>255</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>108</td> <td>740</td> <td>208</td> <td>370</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>114</td> <td>160</td> <td>214</td> <td>80</td> <td>Provisional filing fee</td> <td></td> </tr> </tbody> </table>				Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	101	740	201	370	Utility filing fee	\$0	106	330	206	165	Design filing fee		107	510	207	255	Plant filing fee		108	740	208	370	Reissue filing fee		114	160	214	80	Provisional filing fee		113 1,840* 113 1,840* Requesting publication of SIR after Examiner action			
Large Entity	Small Entity	Fee Description	Fee Paid																																										
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108	740	208	370	Reissue filing fee																																									
114	160	214	80	Provisional filing fee																																									
SUBTOTAL (1) (\$ 0)				115 110 215 55 Extension for reply within first month																																									
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE				116 400 216 200 Extension for reply within second month																																									
Total Claims <input type="checkbox"/> -20**= <input checked="" type="checkbox"/> X <input type="checkbox"/> = <input type="checkbox"/> Fee Paid Independent Claims <input type="checkbox"/> - 3***= <input checked="" type="checkbox"/> X <input type="checkbox"/> = <input type="checkbox"/> Fee Paid				117 920 217 460 Extension for reply within third month																																									
Multiple Dependent				118 1,440 218 720 Extension for reply within fourth month																																									
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Large Entity	Small Entity	Fee Description	Fee Paid																																										
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109	84	**Reissue independent claims over original patent																																											
110	18	**Reissue claims in excess of 20 and over original patent																																											
SUBTOTAL (2) (\$ 0)				119 320 219 160 Notice of Appeal																																									
** or number previously paid, if greater; For Reissues, see above				120 320 220 160 Filing a brief in support of an appeal																																									
*Reduced by Basic Filing Fee Paid				121 280 221 140 Request for oral hearing																																									
Other fee (specify)				138 1,510 138 1,510 Petition to institute a public use proceeding																																									
SUBTOTAL (3) (\$ 180.00)				140 110 240 55 Petition to revive – unavoidable																																									
SUBTOTAL (3) (\$ 180.00)				141 1,280 241 640 Petition to revive – unintentional																																									
SUBTOTAL (3) (\$ 180.00)				142 1,280 242 640 Utility issue fee (or reissue)																																									
SUBTOTAL (3) (\$ 180.00)				143 460 243 230 Design issue fee																																									
SUBTOTAL (3) (\$ 180.00)				144 620 244 310 Plant issue fee																																									
SUBTOTAL (3) (\$ 180.00)				122 130 122 130 Petitions to the Commissioner																																									
SUBTOTAL (3) (\$ 180.00)				123 50 123 50 Processing fee under 37 CFR 1.17(q)																																									
SUBTOTAL (3) (\$ 180.00)				126 180 126 180 Submission of Information Disclosure Stmt																																									
SUBTOTAL (3) (\$ 180.00)				581 40 581 40 Recording each patent assignment per property (times number of properties)																																									
SUBTOTAL (3) (\$ 180.00)				146 740 246 370 Filing a submission after final rejection (37 CFR § 1.129(a))																																									
SUBTOTAL (3) (\$ 180.00)				149 740 249 370 For each additional invention to be examined (37 CFR § 1.129(b))																																									
SUBTOTAL (3) (\$ 180.00)				179 740 279 370 Request for Continued Examination (RCE)																																									
SUBTOTAL (3) (\$ 180.00)				169 900 169 900 Request for expedited examination of a design application																																									

SUBMITTED BY						Complete (if applicable)
Name (Print/Type)	David N. Fogg		Registration No. (Attorney/Agent)	35,138	Telephone	612/332-4720, Ext. 225
Signature					Date	October 3, 2002

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Application Number	09/433,332
Filing Date	11/3/99
First Named Inventor	Donohue
Art Unit	2665
Examiner Name	D. Ryman
Attorney Docket Number	100.115US01

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- Assignee of record of the entire interest.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).
- Attorney or Agent of record.
- Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number _____

Typed or Printed
Name

David N. Fogg

Signature

Date

October 3, 2002

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

<input type="checkbox"/>	*Total of	1 forms are submitted.
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